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Group Art Unit: 1774

Inventor: Passman

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Title: Coatings on Reinforced Composites Examiner: K.T. Nguyen

AMENDMENTAssistant Commissioner for Patents
Washington, DC 20231COPY OF PAPERS
ORIGINALLY FILED

Sir:

In response to the Office Action of November 29, 2001, having a shortened statutory period extended by two months set to expire April 29, 2002, kindly amend the specification as follows:

In the Claims:

A1 sub B1

3. (Amended) The fiber reinforced composite of claim 1 wherein the first polymeric layer is a two component epoxy resin of bisphenol F-type epichlorohydrin and diethylenetriamine.

A2 sub B1

11. (Amended) A fiber reinforced composite material comprising: a fiber reinforced polymer substrate; a first epoxy layer coating the fiber reinforced polymer substrate for joining two different polymeric composites, the first epoxy layer being free of fibers and particulate; a second epoxy layer coating the first epoxy layer, the second epoxy layer comprising an epoxy matrix and a particulate within the epoxy matrix; and at least one thermally sprayed material coating the second epoxy layer to form an adherent multi-layer coating attached to the fiber reinforced polymer substrate, the multi-layer coating being attached to the fiber reinforced polymer substrate with a tensile strength of at least about 10 MPa.

A3 sub B1

13. (Amended) The fiber reinforced composite of claim 12 wherein the first and second epoxy material is a bisphenol F-type epichlorohydrin and diethylenetriamine, the particulate material in the second epoxy layer is aluminum